

OKAUCHEE LAKE MANAGEMENT DISTRICT

October 12, 2015 -- 7 P.M.
Town of Oconomowoc Town Hall
www.olmd.org

MINUTES

1. Call to Order

C. Wilson called the meeting to order at 7 P.M.

2. Meeting Notice Announcement

The meeting notice announcement was distributed to local newspapers, posted at the Town of Oconomowoc Town Hall, two boards, and on the OLMD website.

3. Pledge of Allegiance

The Pledge of Allegiance was recited.

4. Roll Call of Commissioners

Present

Carol Wilson
Tom Godar
Bruce Mueller
Dee Schriver

Absent

Dennis Johnson

Also Present

Pat Furno, Accountant for the District
Craig Donze, One Source Consulting, Inc.
Kathy Aron, Aron & Associates

5. Correspondence

Since the last meeting, T. Godar noted emails were sent to and received from various legislators regarding the use of chemical treatments for Starry Stonewort in Wisconsin. Representative Allen had responded orally with information regarding the DNR's use of chemical application for Starry Stonewort in Minnesota. In addition to the use of chemical treatment of Starry Stonewort, DNR agents were being staffed at boat launches to assist in spreading the invasive species to other lakes in Minnesota. Dialogue efforts would continue to challenge the current approach of the DNR in Wisconsin in keeping Starry Stonewort out of Wisconsin lakes.

An email had been received from a lake resident regarding lake weeds.

6. Comments from the Floor

Bob Hultquist, Town of Oconomowoc Chairman, was present regarding Item #12. He introduced Craig Donze, One Source Consulting engineer, for the project being discussed in Item 12. B. Hultquist noted the Town of Oconomowoc had paid two amounts totaling approximately \$140,000, as referenced in an email to the Board from Dennis Johnson, and also purchased the lot across from Foolery's in excess of \$250,000. All had been paid in order to keep Okauchee Lake clean.

Bob Sokolowicz, Road J, had visited the newly reconstructed DNR Boat Launch on Road T. He had tried to back up his pontoon boat trailer and experienced difficulty due to the new configuration of two parking stalls where the old long driveway area used to be. Now anyone trying to back up had to "dog leg" to get into the ramp. This made the new launch difficult to use and disappointing. C. Wilson agreed, noting several complaints had been received regarding the difficulty in getting in and out of the water with the new configuration. B. Sokolowicz noted that from the water a boat driver could look up the launch to see four parking spaces. These should be eliminated and moved further west to the unused green space. C. Wilson will discuss this matter with DNR boat launch representatives.

7. Comments from Committee Members

No reports.

8. Discuss & Act on Report of the Treasurer

P. Furno reported the following:

Total Revenues:	\$331,155.15
Total Expenditures:	<u>\$269,040.21</u>
Total:	\$62,114.94

D. Schriver noted the operations typically shut down in mid-October with some operational work needed into November. Capital expenditures for the outboard motors were outside of the budgeted amount. There was money in a fund within the budget that would take care of the overage. T. Godar noted monies had been set aside from the year before to pay for the cost of the outboards over three years time.

T. Godar moved to accept the Report of the Treasurer ending September 30, 2015, as presented. B. Mueller seconded the motion. There was no further discussion. All were in favor. Motion carried unanimously.

9. Approve Checks & Vouchers

D. Schriver moved to approve the September, 2015 list of bills as presented. T. Godar seconded the motion. There was no further discussion. All were in favor. Motion carried.

T. Godar moved to approve the October, 2015 list of bills as presented. B. Mueller seconded the motion. T. Godar questioned the expenditure for Marine Bio-Chem relative to the budgeted amount. P. Furno noted the expense was \$600 over budget. There was no further discussion. All were in favor. Motion carried.

P. Furno noted the special mooring charges for the year included an increase of approximately \$0.19. Discussion ensued regarding the calculations for each riparian owner that were based on number of moorings and associated fees for each individual property.

D. Schriver moved to approve the OLMD Fees and Special Charges including an increase of \$0.19 for riparian owners. T. Godar seconded the motion. There was no further discussion. All were in favor. Motion carried.

10. Approve Minutes (August 10 & August 31, 2015)

B. Mueller moved to approve the minutes from the August 10, 2015 meeting as presented. T. Godar seconded the motion. There was no further discussion. All were in favor. Motion carried.

T. Godar moved to approve the minutes from the August 31, 2015 meeting as presented. D. Schriver seconded the motion. There was no further discussion. All were in favor. Motion carried.

11. Review Annual Meeting Minutes – August 31, 2015

This item was moved to the next regular meeting agenda.

12. Discussion & Possible Action on Retention Pond (West Lake Dr.) and Funding – Presentation by C. Donze, One Resource Consulting

T. Godar explained the history of the Town's plan for a retention pond on West Lake Drive and related funding opportunities for the OLMD. Since the last regular meeting, he met informally with Dennis Johnson and Town Planner Jeff Hermann regarding various plans and options for effective remediation of water flow along West Lake Drive into Okauchee Lake. As the discussion ensued, it became clear that the best opportunity was also the most expensive option. A retention pond on a lot across from Foolery's could gather the water flow prior to moving it into Bay 5 in the lake. In order for this to occur, purchase of land across from Foolery's would take place with the Town potentially

providing an opportunity to the OLMD to participate with the water quality of Okauchee Lake enhanced as a result. No commitments were made by OLMD Board members other than to place the item on an OLMD agenda for discussion and possible action if the Town decided to move forward with the land purchase. The Town Board had decided to move forward with the land purchase and the Town had invited Craig Donze, engineer for the project, to share information at this time.

C. Donze explained he walked the project site approximately one week ago with Dennis Johnson. The project spanned Highway P to the bridge along West Lake Drive, including down two side roads, in the Town of Oconomowoc. The Town was investing in “end to end” water quality while redoing the roadway at a cost of approximately \$1.6 million. Grass swales and ditch improvements were being made. At the intersection of Lake Road and Lake Drive, a 3.3 acre property owned by Tim Ross would include work on a retaining wall and a drop structure that would allow water to end up in Bay 5. The 15 foot drop structure would have baffle walls inside so that water would flow through a series of inlet structures while dropping to enter the lake at a zero slope. This pipe structure along the Ross property included approximately 175 feet of pipe. Its purpose was to remove the velocity of the water entering the lake to avoid churning the sediment in the bay. The cost of the drop structure was approximately \$80,000. Modeling indicated a 40% increase in water quality with removal of salt, sand and heavy metals that would typically enter the lake. Benefits of adding the drop structure and pipe system would include keeping the water in Bay 5, preserving drainage patterns and removing velocity of the water entering the bay while maintain water flow. C. Donze explained originally many people thought the water should be moved down the road and taken out of the bay; however, the bay could take the 3.5 acres of water flowing into it and it was important to manage it and keep it there.

C. Donze further explained the Town had purchased the lot across from Foolery’s to construct a wet detention facility that would take the balance of the water on the urbanized easterly end of the project area and allow it to drain back into the lake. The goal of the pond was to remove 80% of suspended solids. Current modeling indicated 77% of the suspended solids would be removed. Shoreland restoration efforts would take place around the pond over time. The pond would need to stabilize for two years to make sure adequate settlement was occurring. At that time, plantings could be placed around the facility for beautification. It was also noted that a healthy pond would not emit an order but would have vegetation such as reed canary grass or cattails growing around it as signs of good health. Should there be an issue of algae or nuisance in the future, an aerator could be installed or chemical treatment provided at the Town’s expense, if necessary. B. Hultquist noted there had been no objections from neighboring property owners regarding the pond installation.

C. Donze further explained the catch basins were designed to catch sands and heavy metals prior to entering the lake in this project. The three inlets with catch basins that isolated water from Road B and the Lake Drive areas would directly outfall north of the bridge into rip rap. The Town had added numerous best management practices (BMPs) to the project to maximize the water quality improvements associated with the Town’s

MS4 permit requirements. The Town had a responsibility to track and improve water quality as a permit requirement. Much of the Town's community was the lake and the lake would now be the beneficiary of investment in it.

T. Godar questioned the difference in the proposed project and the originally proposed project without the retention pond. C. Donze explained the difference resulted in pounds of sediment and would equate to a 77% reduction in sediment loads in the segment of the project that entered into Bay 5 alone. He also noted the old mill race was removed in this project because it had reached the end of its service life. It had been abandoned properly and a road constructed over it. K. Aron explained the improvements being constructed were significant and would impact the lake by impacting the water forcibly moving into it. Waters needed to avoid stagnation and with the implementation of the catch basins and pipe system as described would yield a big improvement in Bay 5. C. Donze noted the system of catch basins were purposely being installed in a series to get the stormwater off the road, collect the debris and send the water to through the pond to drop the velocity and sediment prior to returning it the lake where it was originally headed. The reason the drop structure was so deep was to allow the water to get to the elevation of the lake that was 25 feet below the road. K. Aron agreed, noting failures could occur, especially in bigger storms, if there were not many collection points along the way.

D. Schriver questioned who would deal with the sediment removal from the pond over time. B. Hultquist stated the Town had maintenance obligations associated with the pond. It was noted that the better streets were cleaned of debris, the longer it would be before the pond needed cleaning. Residents should be aware of this and use water friendly salts on driveways, clean gutters and roofs appropriately to avoid having to dredge the wet detention facility in the near future.

K. Aron explained D. Johnson had contacted her regarding data collection and monitoring associated with the changes in the new pipe structure and pond facility. She explained this would be hard to do because the historic data did not exist to show how much sediment had accumulated. Typically situations such as this one related on modeling to forecast the amount of sediment removal. Anecdotal accounts from residents would also provide information regarding changes in stormwater as a result of the project implementation. C. Donze agreed. The change in basin collection of water would change how Bay 5 reacted to the water flow coming into it. These actions were supported by the DNR. In addition, the amount of street area was reduced on the easterly segment. Sidewalks had been added and roadway pavement decreased. This was still considered beneficial because sidewalks yielded less sediment and people salted sidewalks differently than roadways.

Discussion ensued regarding how best to proceed at this time. Options were available to the Board to amend the current budget through state statutes and consideration at a special meeting of the OLMD. Discussion ensued regarding a Land Purchase Set Aside fund. Discussion further ensued regarding the historic reason for setting up the fund within the OLMD budget.

T. Godar moved to hold a Special Meeting on Monday, November 9, 2015 to amend the current budget, authorize the expenditure of \$100,000 from the Land Purchase Set Aside fund, to provide funds to the Town of Oconomowoc for the purchase of land adjacent to West Lake Drive to be used to improve the water quality of Okauchee Lake. D. Schriver seconded the motion. There was no further discussion. All were in favor. Motion carried.

13. Aquatic Plant Management Report

No report.

14. Discuss Neighbor Plant Harvesting (T. Godar)

T. Godar received a phone call from a resident with a neighbor that declined or was unable to harvest plants in a bay on the lake. Currently there was no plan on how to deal with these types of situations. He questioned whether the OLMD was required to take action. Discussion ensued. The OLMD had opted not to “police” certain issues in the past. In addition, it would be difficult to determine certain trigger points at which action or enforcement should take place in a situation as described. It was important to maintain safety of the cutting crew and the crew should not be jumping on and off the harvester to conduct weed pick-up. No further action was required on this matter.

15. Discuss Website Items

Updated lake levels and new Starry Stonewort identification information had been added to the OLMD website since the last meeting.

16. Future Agenda Items

The following items were suggested for inclusion on the next regular meeting agenda.

- Review of Annual Meeting Minutes

17. Set Future Meetings

C. Wilson noted a Special Meeting would be held on November 9, 2015 and the next regular meeting would likely take place in March or April of next year as was customary.

18. Adjournment

T. Godar moved to adjourn the October 12, 2015 Okauchee Lake Management District meeting. D. Schriver seconded the motion. All were in favor. Motion carried. The meeting adjourned at 8:19 P.M.